



MATES Computer Science

Senior Capstone Project Bi-Weekly Progress Report

Project Title	Bookish
Team Members	Malia Porter & Caleigh Wlazlowski
Dates Covered by Report	5/6/24 - 5/17/24
Link to Github	https://github.com/caleighwlaz/Bookish

1. Summary of Project

Our project is to create a website for readers to track their reading history, view book and user leaderboards, and possibly get recommendations. The site will allow readers to set goals to reach and add books to their reading list. Users will also be able to keep track of their reading activity and discover new books to read. Through the front-end (Malia), HTML, CSS, and JavaScript will be used to create the website and the design elements. Through the back-end (Caleigh), Python, JavaScript, and MySQL will be used to calculate statistics for each user (such as average pages per book and average pages read per week), manage databases, and allow users to search for books on the website and add them to their lists. The concept of our website is similar to Goodreads with additional features such as book and user leaderboards.

2. Summary of Progress this Period

During this progress period, Caleigh finished the test book database on MySQL, continued to filter the main dataset, updated the back-end branch on GitHub, started to work on an all books page, and continued working on the “Back-End Engineer” career path. Malia finished the about us page and finished the front-end for the sign-up and login pages.

3. Detailed Progress this Period, separated by Team Member

Malia	Caleigh
<ul style="list-style-type: none">● finished about us page<ul style="list-style-type: none">○ added creator images○ deleted email buttons● created and finished sign-up page● finished login page<ul style="list-style-type: none">○ replaced previous icons with a toggle-password icon○ updated formatting● added a toggle password option on both the login and sign-up pages<ul style="list-style-type: none">○ changes icon if clicked and allows users to view their password● designed profile page in Google Drawings and started coding	<ul style="list-style-type: none">● finished test book database on MySQL<ul style="list-style-type: none">○ 99 rows - 3 books for each of 33 genres<ul style="list-style-type: none">■ should be enough to test before converting and uploading the Excel file to the website● continued to filter main dataset<ul style="list-style-type: none">○ continued to delete repeat book covers○ changed weird symbols over to the accents of the actual authors (accents were not properly put in on the original dataset)● updated backend branch on Github<ul style="list-style-type: none">○ had to learn what pull was and when to use it○ pulling to main branch after updating backend branch○ learned to add a message to a commit or it won't probably push through● started to set up formatting for an "all books page"<ul style="list-style-type: none">○ made page on HTML (pic)<ul style="list-style-type: none">■ had to reteach myself minor things■ connected CSS/SCSS/favico pages that do not exist yet but will be made■ added to main bars but commented out because I haven't checked formatting yet● continued working on "Back-End Engineer" career path<ul style="list-style-type: none">○ finished Working with Databases (2 hours)

Caleigh - HTML for "all books" page

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>All Books | Bookish</title>

    <!-- Meta -->
    <meta name="keywords" content="books, reading, readers">
    <meta name="description" content="Web Application for Readers to Track Their Reading Process">
    <meta name="author" content="Caleigh Wlazlowski, Malia Porter">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <!-- Fonts -->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Roboto+Mono:ital,wght@0,100..700;1,100..700&display=swap" rel="stylesheet">

    <!-- CSS -->
    <!-- <link rel='stylesheet' type='text/css' href='/styles/total-books.css' -->

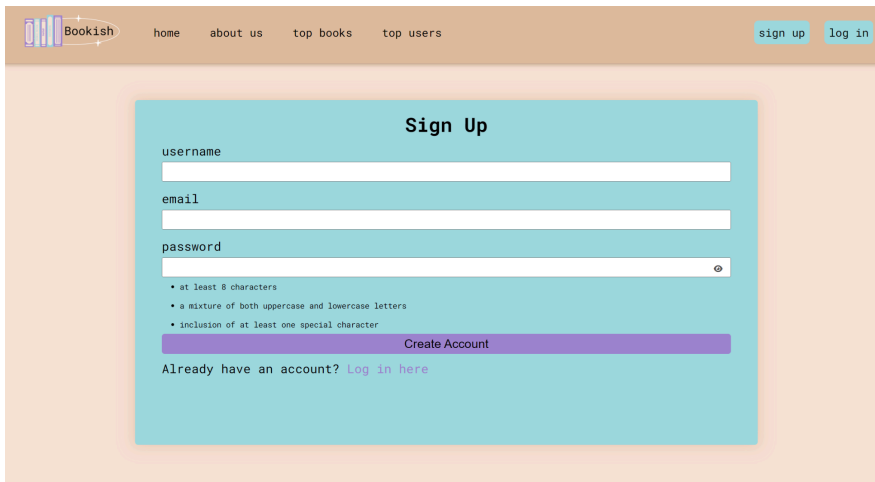
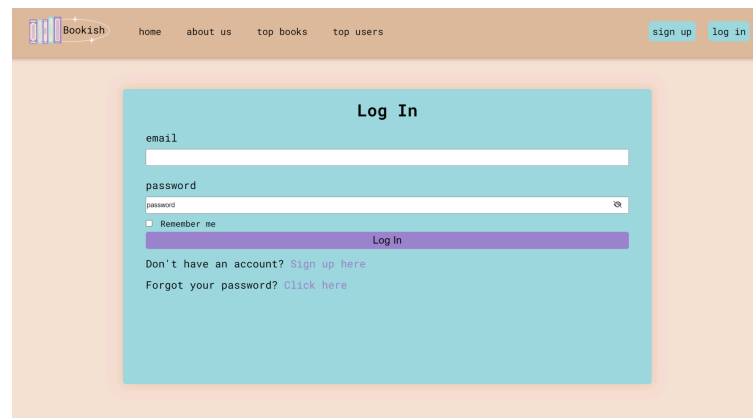
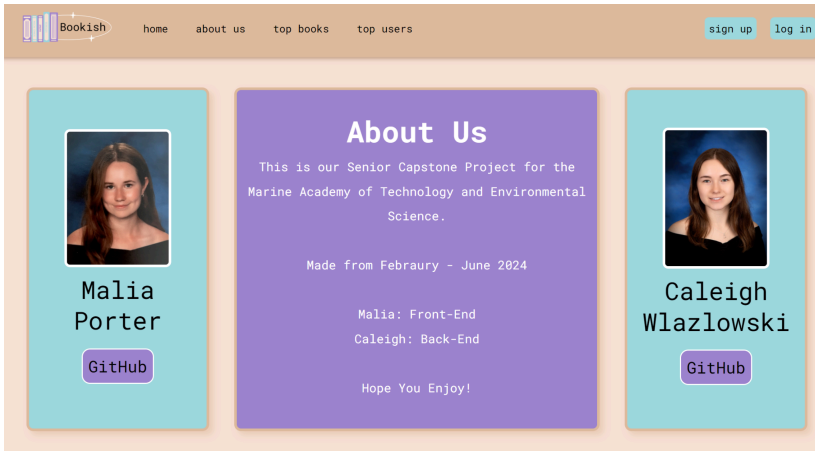
    <!-- Icon -->
    <!-- <link rel="icon" type="image/x-icon" href="/images/favicon.ico" -->

  </head>

  <body>
    <div class="background">
      <div id="grid-container">
        <header>
          <nav>
            <a href="index.html">
              
            </a>
            <a href="index.html" class="nav-link">home</a>
            <a href="about-us.html" class="nav-link">about us</a>
            <a href="#" class="nav-link">top books</a>
            <a href="#" class="nav-link">top users</a>
            <!-- <a href="all-books.html" class="nav-link">all books</a> -->
          </nav>
          <div class="header-login-area">
            <a href="sign-up.html" class="sign-up">sign up</a>
            <a href="login.html" class="login">log in</a>
          <label class="hamburger-menu">
            <input type="checkbox">
          </label>
          <aside class="sidebar">
            <nav>
              <a href="index.html" class="sidebar-link">home</a>
              <a href="about-us.html" class="sidebar-link">about us</a>
              <a href="#" class="sidebar-link">top books</a>
              <a href="#" class="sidebar-link">top users</a>
              <!-- <a href="all-books.html" class="sidebar-link">all books</a> -->
            </nav>
          </aside>
        </div>
      </header>
    </div>
  </body>
</html>
```

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Malia



```
55 </div>
56 <div class="card">
57   <h1>Sign Up</h1>
58   <form action="">
59     <div class="input-box">
60       <label for="username">username</label>
61       <input type="text" id="username" required>
62     </div>
63     <div class="input-box">
64       <label for="email">email</label>
65       <input type="text" id="email" required>
66     </div>
67     <div class="input-box">
68       <label for="password">password</label>
69       <input type="password" id="password" required>
70       <i class="fa-solid fa-eye" id="togglepassword"></i>
71       <script src="scripts/toggle-password.js"></script>
72     </div>
73     <ul>
74       <li>at least 8 characters</li>
75       <li>a mixture of both uppercase and lowercase letters</li>
76       <li>inclusion of at least one special character</li>
77     </ul>
78     <button type="submit">Create Account</button>
79     <p>Already have an account? <a href="sign-up.html">Log in here</a></p>
80   </form>
81 </div>
```

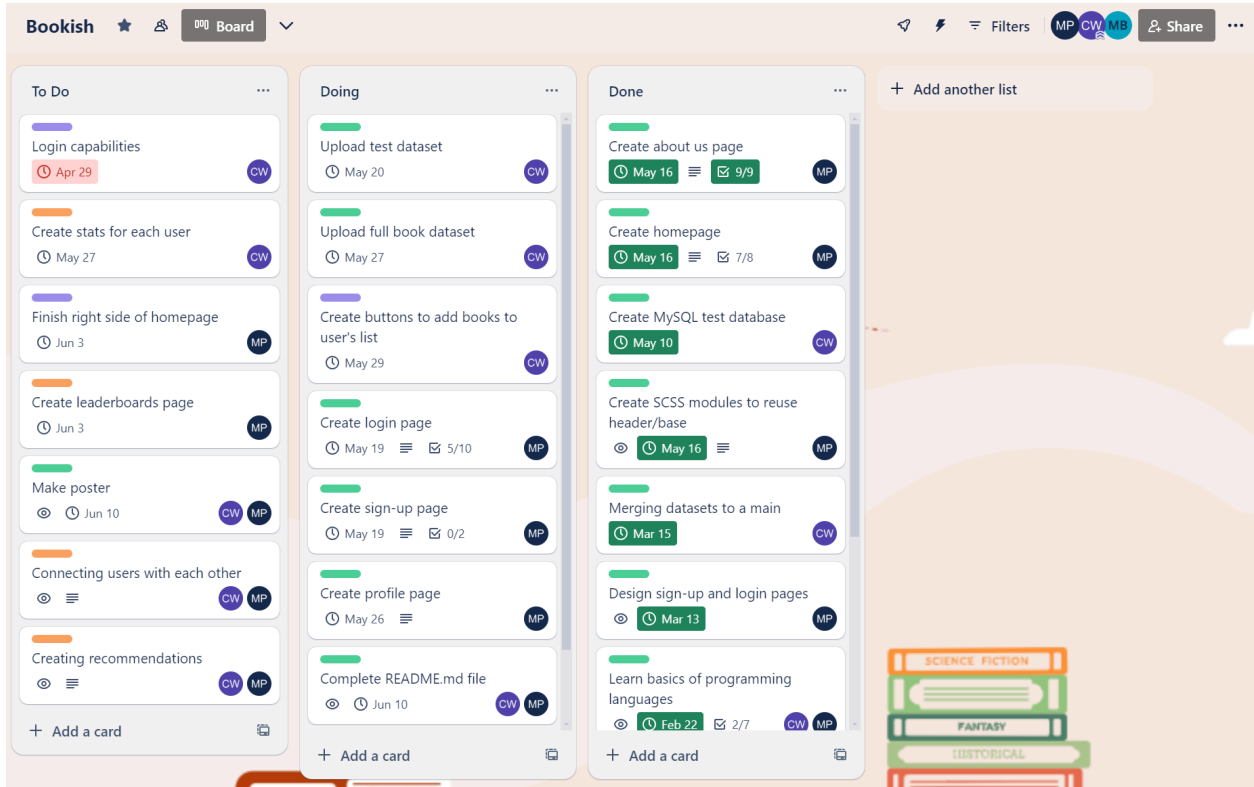
```
67 <div class="creator-card" id="malia">
68   
69   <h2>
70     Malia<br>Porter
71   </h2>
72   <a href="https://github.com/Malia-Porter" class="github" target="_blank">GitHub</a>
73 </div>
74 <div class="creator-card" id="caleigh">
75   
76   <h2>
77     Caleigh<br>Wlazlowski
78   </h2>
79   <a href="https://github.com/caleighw laz" class="github" target="_blank">GitHub</a>
80 </div>
81 </div>
82 </body>
83 </html>
```

```
JS toggle-password.js M X
scripts > JS toggle-password.js > ...
1  const togglepassword = document.querySelector('#togglepassword');
2  const password = document.querySelector('#password');
3
4  togglepassword.addEventListener('click', function (e) {
5    const type = password.getAttribute('type') === 'password' ? 'text' : 'password';
6    password.setAttribute('type', type);
7
8    if (togglepassword.classList.contains('fa-eye')) {
9      togglepassword.classList.remove('fa-eye');
10     togglepassword.classList.add('fa-eye-slash');
11   } else {
12     togglepassword.classList.remove('fa-eye-slash');
13     togglepassword.classList.add('fa-eye');
14   }
15 });
```

4. Difficulties Encountered this Progress Period

Malia	Caleigh
<ul style="list-style-type: none">● had to create an input-box class on the sign-up page to make positioning the icon more responsive to screen sizes and easier to position● had difficulty figuring out the JavaScript for toggling the password● was sick for the first two days of this progress period	<ul style="list-style-type: none">● took forever to find the doc where I wrote down the weird symbols I found to convert to accents<ul style="list-style-type: none">○ was not organized in my Bookish folder on Google Drive for some reason● found out what pull was● found out that you have to pull all of the new updates through before trying to push your own updates<ul style="list-style-type: none">○ basically forgot how to do some basic Github● forgetting to add a message to a commit and wondering why it took so long to load<ul style="list-style-type: none">○ ended up quitting and reloading VS Code in order to add the message and commit properly● had to reteach myself minor HTML formatting but wasn't that bad because it's similar to the other pages already made

5. Updated Trello Board and Discussion



Some dates were pushed back but should be completed relatively soon. Caleigh plans to work on uploading the test database and attempting to format “all books” page this weekend. Create MySQL test database was modified and moved to **Done**. Creating about us page and homepage were moved to **Done**.

6. Tasks to Be Worked on in Next Progress Period

Malia	Caleigh
<ul style="list-style-type: none"> allow users to sign up and log in create profile page where users can add books to their lists and view stats create leaderboard page (reach goal) 	<ul style="list-style-type: none"> attempt to make CSS/SCSS/favico pages for “all books” (or at least enough format so I can upload the books somewhere) start to upload and format test book database on website convert Excel file to MySQL file upload full database to website and refix formatting if I have to update README.md file

7. Additional Information